



OdV Hands On – General Usage

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Mission 4 “Education and Research” - Component 2: “From research to business” - Investment
3.1: “Fund for the realisation of an integrated system of research and innovation infrastructures”



Hands On - General Usage

qc\Dirty_Dataset.odv

- Getting Help
- Interactivity. left click: select; right-click: context menu
- Station / sample filtering
- Saving / loading views
- Creating image files; GeoTIFF, interrupted maps
- Extracting data subsets / window x,y,z values
- Derived variables / isosurface variables
- Changing layouts
- Undo / Redo
- Data import (EMODnet-Chemistry, WOD, Spreadsheet)
- netCDF support (ReadOnly)

nc\example_EMSO_data\emso_eric_ctd_2002_2003.nc

Hands On – Data Quality Control I

- Quality flag schemes
- `qc\Dirty_Dataset.odv` Flagging individual outliers (various parameters & flags)
- Assessment criteria (how to decide)
- Zooming and flagging all samples in window

- Sample filtering by quality
- Exporting history logs

Hands On – Data Quality Control II

qc\Dirty_Dataset.odv
Temperature

- Data qc with outlier polygon

qc\Dirty_Dataset.odv
Phosphate

qc\data_from_Reid-Mantyla.odv
Phosphate

- Data qc with trusted reference data (unit conversion necessary)
- Exercise: clean all data of a given parameter
- Exercise: determine mean Phosphate concentrations below 1000 m